

## Best Available Copy

TMS	ivm.evilektilirstgveifilifa svaletilijarilirstroveifilira tvaeletilorilikvilarilira tiit gojilkolarelevilarilira tvaevolikkietrefoveviletila tvaevolikkietrefoveviletila tvaetrajavnerkeetreforilira	MARKERLERMELAYEVI ESFLEEVILRMELAHEVI GTKANTYKRPOLKWENT SKIPPLHIVPDFAKLT OTOKIR KNVATPTOPYWENY GERGOBTTHAEKMFGERHTAN HINDERGEDPERILENY DIENGERSPERILENY	ERKLELMYLRKVDQRSTI ERKLEHVWLQRVDKWEIL ATPSEINMLTKITIVLRW INRILHCYLIILYF EAS-LHEFFIQETKKYAFC FNGYLPTWLRMILHYEAL
TM4	AIALERYMMANELLENCREENCSIEGE SIANELSMERLLEFLOREDOVSIEVA MARLIERENCSTLDETTVHHÜRSGEMA MARLIERENCH DET STHÜERGEMA MARLIEREN MARLIENTREGEMA MICHERGMINITEMIRKEMPRESIEVA MICHERGMINIMEN GOLDENSTIEVAN MICHERGMINIMEN GOLDENSTIEVAN	FSTELTSTTOTFSMALGETMY FSSELTSTTOTFSMALGELDE LASPSQTLEMLFFSMALGELDE SDVRMIPTNSFELLFFAMFSGTTT FSTIFMSPLTMITVMMTGEPER FANTEMSFLTTVLVMMTGEPER FANTEMSFLTTVLVMMTGEPER	145LKREPAMOVELHTINE 196LKREBAMOVELHTIEL 18DKEWKFGERTER-ONNKES 7LINALLSNSTILFER-ONNKES 19ELKRLAMOVELNTON 19ELKRLAMOVELNTON 19E-LSKLUROTKEISYESSEL
TIM4	PALMONOCGA GG	XVIII	AFIMEVPI VLMNILI I GLAVGDIAEV SPITIEVPI VLMNILI I GLAVGDIAEV JEMET MPINILI I GLAVGDIESV SVANVILI VLHNILI I MMSDTYORE SVANVILINILI I MMSDTYORE SPITIMITI MNILINGIAVDDIIGSV PECTIMITI MNILINGIAVDDIIGSV PELEVIII I MNILINGIAVDDI I GGE
TM3	PETNIP	PGLSFYV   PGLS	TEGOLH

FIG. 1B-2

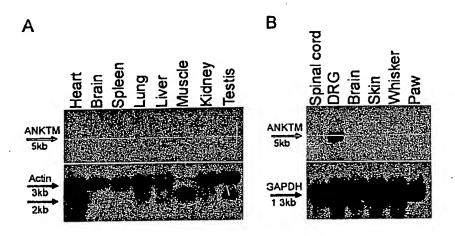


FIG. 2A

FIG. 2B

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FIG. 3A FIG. 3B FIG. 3C



FIG. 3D FIG. 3E FIG. 3F

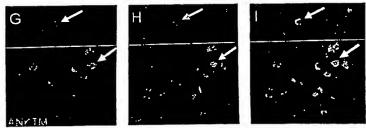


FIG. 3G FIG. 3H FIG. 3I

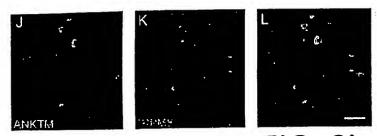


FIG. 3J FIG. 3K FIG. 3L

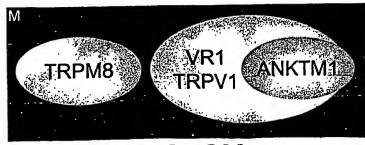


FIG. 3M

**SUBSTITUTE SHEET (RULE 26)** 

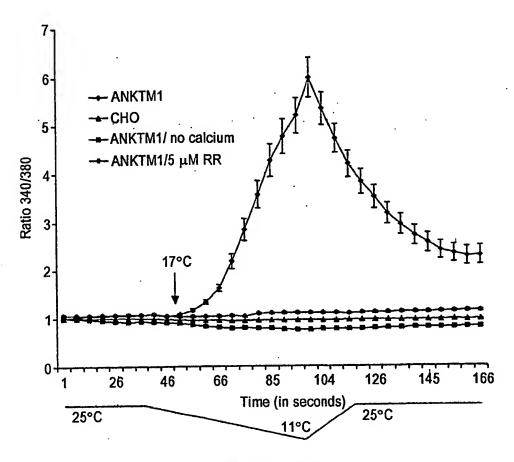


FIG. 4A

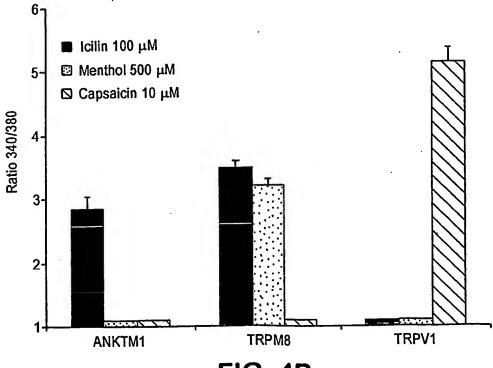


FIG. 4B

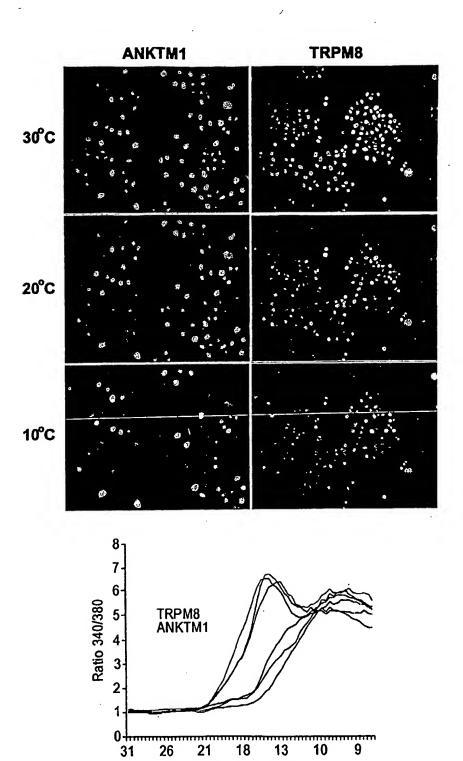
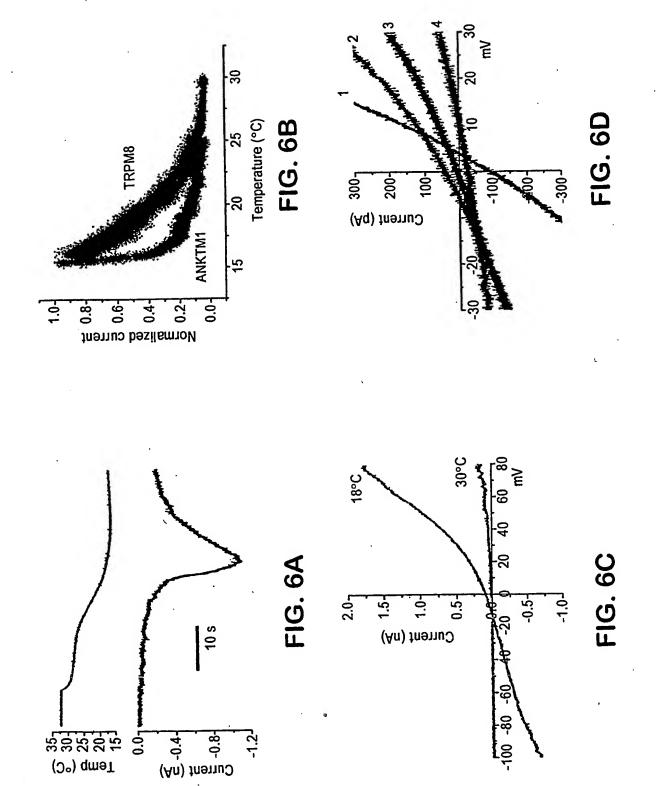
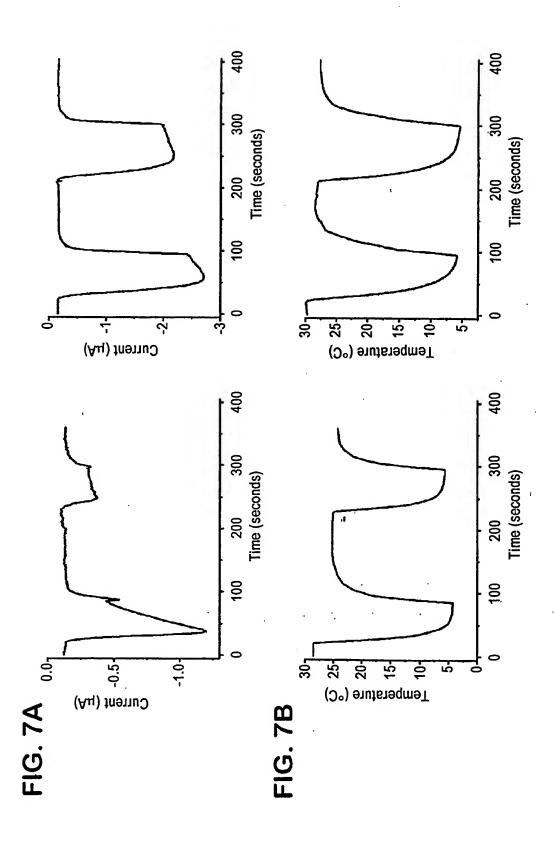


FIG. 5

Average temperature





#### mANKTM1 cds, 3.378 kb:

CAGGGCGTTGTCTATCGCGGCGTCGGGGAAGACATGGACTGCTCCAAGGAAT CCTTTAAGGTGGACATTGAAGGAGATATGTGTAGATTAGAAGACTTCATCAA GAACCGAAGAAAACTAAGCAAATATGAGGATGAAAATCTCTGTCCTCTGCAT CACGCAGCAGCAGAAGGTCAAGTTGAACTGATGGAACTGATCATCAATGGTT CTTCGTGTGAAGTGCTGAATATAATGGATGGTTATGGAAATACCCCACTGCAT TGTGCTGCAGAAAAAAATCAAGTTGAAAGTGTAAAGTTTCTTCTCAGCCAAG GAGCAAATCCAAACCTCCGAAATAGAAACATGATGTCACCCCTTCACATAGC TGTGCATGGCATGTACAACGAAGTGATCAAGGTGTTGACTGAGCACAAGGCC ACTAACATCAATTTAGAAGGAGAGAATGGGAACACGGCTTTGATGTCCACGT GTGCCAAAGACACAGTGAAGCTTTGCAAATTTTGTTAGAAAAAGGAGCTAA GCTGTGTAAATCAAATAAGTGGGGAGACTACCCTGTGCACCAGGCAGCATTT TCAGGTGCCAAAAATGCATGGAATTAATCTTAGCATATGGTGAAAAGAACG TCTCCACCTAGCAGTTCAAAGCGGAGACTTGGACATGATTAAGATGTGCCTG GACAACGGTGCACACATCGACATGATGGAGAATGCCAAATGCATGGCCCTCC ATTTTGCTGCAACCCAGGGAGCCACTGACATCGTTAAGCTCATGATCTCATCC TATACCGGAAGTAGTGATATTGTGAATGCAGTTGATGGCAATCAGGAGACCC TGCTTCACAGAGCCTCGTTATTTGATCACCATGACCTGGCAGAATACCTAATA TCAGTGGGAGCAGACATCAACAGCACTGATTCTGAAGGACGCTCTCCACTTA TTTTAGCAACAGCTTCTGCATCCTGGAACATTGTGAATTTGCTCCTCTGTAAA GGTGCCAAAGTAGACATAAAAGATCATCTTGGACGTAACTTTTTGCATTTGAC TGTGCAGCAGCCTTATGGACTAAGAAATTTGCGGCCTGAGTTTATGCAGATG TCCATTATGCCTGTAGGCAGGGGGTTCCTGTCTCTGTAAATAACCTCCTTGGC TTCAATGTGTCCATTCATAGCAAAAGTAAAGATAAGAAGTCGCCCTGCATTT TGCAGCCAGTTATGGGCGCATCAATACATGTCAGAGACTTCTGCAAGACATA AGTGATACGAGGCTTTTGAATGAAGGGGATCTCCATGGGATGACCCCTCTCC ACCTGGCAGCAAAAATGGGCATGATAAAGTCGTTCAACTCCTTCTGAAGAA AGGGGCCTTATTTCTCAGTGACCACAATGGCTGGACTGCTTTGCATCACGCCT CCATGGGTGGGTACACTCAGACCATGAAGGTCATTCTTGATACTAACTTGAA ATGCACAGACCGACTAGATGAAGAAGGGAACACAGCACTCCACTTTGCAGCA CGGGAAGGCCATGCCAAGGCTGTTGCAATGCTTTTGAGCTACAATGCTGACA TCCTCCTGAACAAGAAGCAAGCTTCCTTTCTGCATATTGCCCTGCACAATAAG CGCAAGGAAGTGGTTCTCACAACCATCAGAAATAAAAGATGGGATGAGTGTC TTCAAGTTTTCACTCATAATTCTCCAAGCAATCGATGTCCAATCATGGAGATG GTAGAATACCTCCCGAGTGCATGAAAGTTCTTTTAGATTTCTGCATGATACC TTCCACAGAAGACAAGTCCTGTCAAGACTACCATATTGAGTATAATTTCAAGT ATCTCCAATGCCCATTATCCATGACCAAAAAAGTAGCACCTACCCAGGATGT GGTATATGAGCCTCTTACAATCCTCAATGTCATGGTCCAACATAACCGCATAG

FIG. 8A

AACTCCTCAACCACCCTGTGTGTAGGGAGTACTTACTCATGAAATGGTGTGCC TATGGATTCAGAGCCCATATGATGAACCTAGGATCTTATTGTCTTGGTCTCAT ACCCATGACCCTTCTTGTTGTCAAAATACAGCCTGGAATGGCCTTCAATTCTA CTGGAATAATCAATGGAACTAGTAGTACTCATGAGGAAAGAATAGACACTCT GAATTCATTTCCAATAAAAATATGTATGATTCTAGTTTTTTTATCAAGTATATT TGGATATTGCAAAGAAGTGATCCAAATTTTCCAACAGAAAAGGAATTACTTC CTGGATTACAACAATGCTCTGGAATGGGTTATCTATACAACTAGTATCATCTT CGTGTTGCCCTTGTTCCTCAACATCCCAGCGTATATGCAGTGGCAATGTGGAG CAATAGCGATATTCTTCTACTGGATGAACTTCCTACTGTATCTTCAAAGGTTT GAGAACTGTGGAATTTTCATTGTTATGTTGGAGGTGATTTTTAAAACATTGCT GAGATCGACCGGAGTGTTTATCTTCCTCCTACTGGCTTTTGGCCTCAGCTTTTA TGTTCTCCTGAATTTCCAAGATGCCTTCAGCACCCCATTGCTTTCCTTAATCCA GACATTCAGTATGATGCTAGGAGACATCAATTATCGAGATGCCTTCCTAGAA CCATTGTTTAGAAATGAGTTGGCATACCCAGTCCTGACCTTTGGGCAGCTTAT TGCCTTCACAATGTTTGTCCCAATTGTTCTCATGAACTTACTGATTGGCTTGGC GGTTGGGGACATTGCTGAGGTCCAGAAGCATGCGTCATTGAAGAGGATTGCT ATGCAGGTGGAACTTCATACCAACTTAGAAAAAAGCTGCCACTCTGGTACT TACGCAAAGTGGATCAGAGGTCCACCATCGTGTATCCAAATAGACCCAGGCA CGGCAGGATGCTACGGTTTTTTCATTACTTTCTTAATATGCAAGAAACACGAC AAGAAGTACCAAACATTGACACATGCTTGGAAATGGAAATATTGAAACAGAA ATATCGGCTGAAGGACCTCACTTCCCTCTTGGAAAAGCAGCATGAGCTCATC AAACTCATCATCCAGAAGATGGAGATCATCTCAGAGACAGAAGATGAAGATA ACCATTGCTCTTTCCAAGACAGGTTCAAGAAGGAGGGCTGGAACAGATGCA CAGCAAGTGGAATTTTGTCTTAAACGCAGTTAAGACTAAAACACATTGTTCTA TTAGCCACCCGGACTTTTAG

FIG. 8B

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